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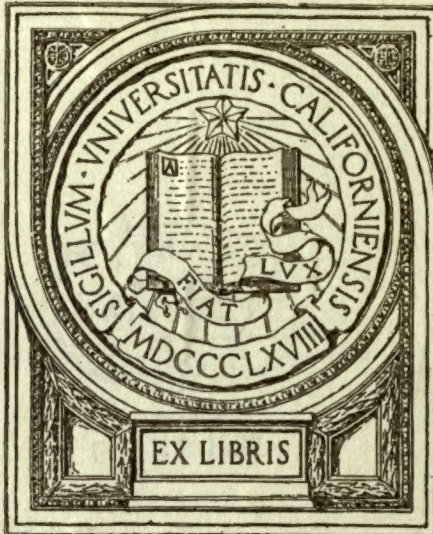
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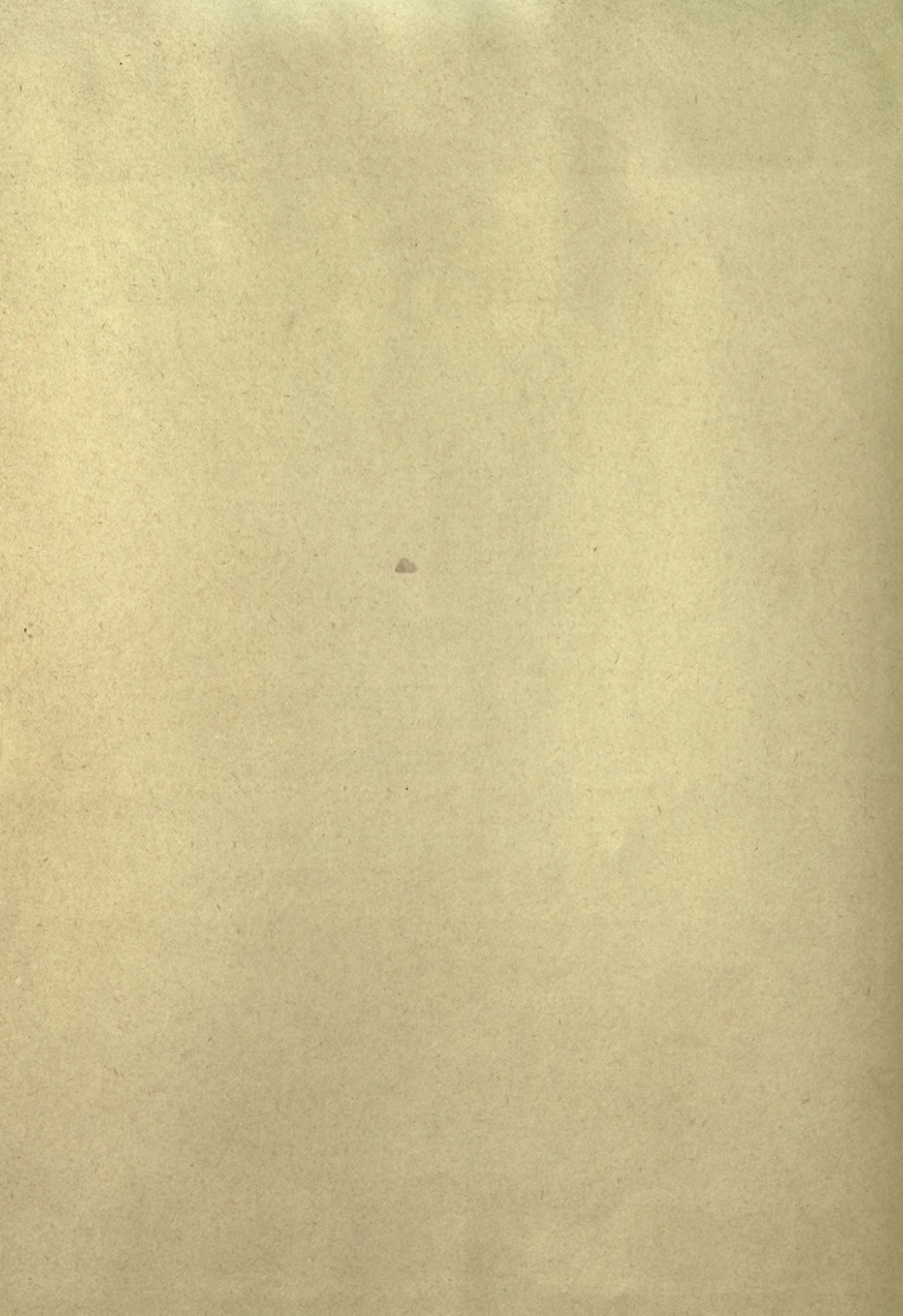
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CATALOGUE
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PREFACE.

The present Supplement and Appendix comprise entries of all works added to the Library from the printing of the 1898 Catalogue to the 31st December, 1909. In future it is proposed to print at much shorter intervals. A consolidated set of the Catalogue and Supplements will be kept in the Library on the Sheaf Catalogue or Loose-Leaf Ledger principle.

As it is not proposed to distribute or place on sale copies of future supplements, a few words of explanation are offered to users of the two published volumes.

Entries: Some imperfect entries in the 1898 Catalogue are superseded by fuller entries in the Supplement or Appendix. A certain amount of reprinting also has been admitted in the present volume to avoid the repetition of the titles of different editions of the same work when brought together in the consolidated copy of the Catalogue. Collations appear for the first time in the Supplement and Appendix. The total number of pages in a volume, and the number of unpaginated plates or tables are specified, but not the number of illustrations appearing in the text.

Headings: Works containing the Author's name, initials or pseudonym are entered under these headings; Anonymous works under the first word of the title (other than an article); Departmental and State publications under the country or place name followed by the name of the Department or Office, except in the case of English Departmental publications which are entered directly under the Department, e.g. *Board of Trade, Home Office, etc.*; Society publications under the first word of the title with a reference from the place name, if contained in the title; Periodicals under the first word of the original title with references from later titles.

Subject Headings: These are confined to biographies of individuals, histories, &c. of corporate bodies, commentaries and criticisms of single works, reports of named Expeditions, Ships, &c. For the classification of subject-matter other than the above, recourse must be had to the Subject Lists in the Library Series, which is still in course of publication. A consolidated edition of these Subject Lists is kept for reference in the Library. A complete edition in slip form is also available for reference at the Central Desk in the Library.

April, 1910.

W. TEMPLE FRANKS,
Comptroller-General.

CATALOGUE

OF THE

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AUTHORS.

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A.

A., A.
— See HANDBOOK of . . . oil Painting. By an American Artist. 1848. 8°. (35863)

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— L'art de faire, à peu de frais, les Feux d'Artifice. 2e éd. Paris, 1820. sm. 8°. 58 pp. 10 pl. (33538)

Aachen. See AIX-LA-CHAPELLE.

Aaron, Chas. Howard.

— Assaying. Pt. 1, Gold and silver ores. Pt. 2, Gold and silver bullion. Pt. 3, Lead, copper, tin, mercury. San Francisco, 1884-85. 3 pts. in 2 vols. sm. 8°. (19759)

— The same. 3rd ed. Pts. 2-3. San Francisco, 1900. sm. 8°. 170 pp. (28767)

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— Notes on the Hydrometallurgy of Gold. 1888. See CALIFORNIA STATE MINING BUREAU. Annual Report. 1888. pp. 836-846. G 50 C: 883.

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— Etude sur la théorie et l'application d'un bon Corset. Le Corset "Ligne." Paris, 1904. 8°. 80 pp. 3 pl. (31560)

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Band 1. Abhandlungen über die Theorie des Mikroskops.

„ 2. Wissenschaftliche Abhandlungen aus verschiedenen Gebieten, Patentschriften Gedächtnisreden.

„ 3. Sozialpolitische Schriften.

Jena, 1904-06. 3 vols. 8°. (30634)

— See RHEINBERG, J. On the collected papers of Abbe, etc. (Reprint.) 1905. 8°. (33256)

Abbot, Chas. Greeley.

— Recent progress in Astronomical research. 1906. See SMITHSONIAN INST. Report. 1905-06. pp. 161-171. B 13 S: 847.

Abbot, Henry Larcom, Brig.-Gen. U.S. Army.

— Coast defence, including Submarine mines. 1893. See CHICAGO INTERNAT. ENGINEERING CONGRESS. Div. F. Military Engineering. pp. 13-28. 8°. (24918)

— Problems of the Panama Canal . . . with history from 1890 to date. New York, 1907. 8°. 282 pp. 8 pl. (34428)

Abbot, John.

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- The evolution of a Switchboard. 1894. See WISCONSIN UNIV. Bulletin. Engineering series. Vol. i. pp. 69–100. E 12 Wi:
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- The Watch Factories of America, past and present . . . from 1809 to 1888, etc. *Chicago*, 1888. 8°. 144 pp. portr. (28835)

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- Recherches historiques sur les premiers essais de Navigation à la Vapeur dans l'Est de la France. Ex: "Mémoires lus à la Sorbonne," 1865, pp. 915–921. 8°. (34839)

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— Organic compounds in the Sun. 1881. See ROYAL ENGINEERS. Prof. papers. (Occasional papers.) Vol. 8. pp. 179–190. F 90 : 844.

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— and Langevin, P.

— Les quantités élémentaires d'électricité. Ions, électrons, corpuscules. 1905. 1154 pp. See SOCIÉTÉ FRANÇAISE DE PHYSIQUE. Collection des Mémoires relatifs à la Physique. 2e Série. 8°. (1617)

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— See LIVERPOOL UNIVERSITY: Inst. of Commercial Research in the Tropics. A catalogue of the Aburi Gardens, etc. 1906. 4°. (33959)

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— See JOSSE, E. Neuere Erfahrungen, etc., mit Abwärme-Kraftmaschinen. 1901. 4°. (27954)

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— Acta Academiae, etc. Tomus i–ii. Erfordiae, 1757–61. 2 vols. 12°. B 17 E.

Académie de Médecine, Paris.

— See POISEVILLE, J. L. M. Rapport sur divers modes d'embaumement présentés . . . à l'Acad. de Médecine. 1847. 8°. (33876)

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— Comptes Rendus hebdomadaires des Séances de l'Académie, etc. Paris, 1835, etc. 4°. B 28 : 835.

— Tables générales des Comptes Rendus. Tomes 1–31, 1835–50; 32–61, 1851–65; 62–91, 1866–80; 92–121, 1881–95. Paris, 1853, etc. 4° B 28 : 835.

— Divers ouvrages de mathématique et de physique, par MM. de l'Académie Royale des Sciences. [Ed. P. de la Hire, — Sedileau, and L. Pothénot.] Paris, 1693. fol. 522 pp. (29754)

— Instructions sur les Paratonnerres. Instructions ou Rapports de 1784, 1823, 1854, 1867 et 1903. (Actualités scientifiques.) Paris, 1904. sm. 8°. 178 pp. 1 pl. (31484)

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— Notes et documents pour servir à l'histoire de l'Académie, etc. . . suivis de la table méthodique des travaux renfermés dans les Mémoires . . . 1769–1869 par P. Milsand. [Ex.: Mém. de l'Acad., etc. 1871.] Dijon, 1871. 8°. 368 pp. B 29 D :

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— Catalogue des livres publiés en langues étrangères. [1, Éditions périodiques. 2, Ouvrages publiés séparément. 3, Supplément.] St. Pétersbourg, 1854–56. 3 pts. 8°. (26086)

— Obrastsi Piriftov, etc. [Specimen book of the Printing Office and Type foundry of the Academy, etc. Ed. P. Nagel.] St. Petersburg, 1870. 4°. 36 pp. 156 sheets. (30547)

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— Notice des travaux. Année 1808. Par — Trélis. Nîmes, 1809. 8°. 502 pp. 3 pl. B 29 G.

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Title varied: 'Annual' omitted with vol. 9.

Publication: Half yearly with vol. 9.

Editors: A. Koch and C. W. English, 1889; A. Koch, 1890, etc.

Indexes: Classified index, 1889–1902. (1902.)

Academy of Science of St. Louis.

— Transactions. Vol. 1 (1856–60), etc. St. Louis, Mo., 1860, etc. 8°. B 14 S.

Publication: Vol. 1–7 (1856–97), irregular; vol. 8 (1898), etc. annual vol.

Indexes: Vol. 1–14 (1856–1904). 24 pp. In vol. 14.

Accademia del Cimento. *Florence.*

— Saggi di Naturali Esperienze. *Firenze*, 1667. fol. 296 pp. portr. (28795)

— Essayes of Natural Experiments, etc. Englished by R. Waller. *London*, 1684. 4°. 194 pp. 19 pl. (4873)

Accolti, Pietro.

— Lo inganno de gl'occhi, prospettiva pratica. *Firenze*, 1625. fol. 166 pp. 2 pl. (29854)

Account.

— An account of the culture of Potatoes in Ireland. *London*, Shepperson and Reynolds, 1796. 8°. 28 pp. (32627)

— An account of the manure guano and of authentic experiments made with it in Great Britain and in France, together with instructions for using it. *Liverpool*, J. F. Cannell (printer), 1843. 8°. 16 pp. (35948)

— Account of the qualities and uses of Coal Tar and Coal Varnish. [By Archibald Cochrane, 9th Earl of Dundonald.] [Letters Patent, No. 1785 of 1781.] *London*, T. and G. Wilkie, 1785. 8°. 44 pp. (37532)

— An account of the wonderful effects of the inhalation of ether in . . . surgical operations. [Explanation of Mr. Hooper's ether inhaler.] *London*, Cleave, [1847?]. 8°. 16 pp. (36418)

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— Additional experiments to complete the second and third editions of "Accum's Chemical Amusement." Printed from the 4th ed. *London*, [1821]. 12°. 24 pp. (36217)

— Description of the process of manufacturing Coal Gas . . . now employed at the gas works in *London*, etc. 2nd ed. *London*, 1820. 8°. 350 pp. 7 pl. (15197)

— A manual of analytical Mineralogy. 2nd ed. *London*, [1808]. 2 vols. 12°. (38066)

— A practical treatise on Gas-light, etc. *London*, 1815. 8°. 192 pp. 7 pl. (8682)

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— A system of theoretical and practical Chemistry. *London*, 1803. 2 vols. 8°. (31237)

Printed on straw paper.

— A treatise on the art of Brewing, exhibiting the *London* practice of brewing . . . malt liquors. *London*, 1820. 12°. 282 pp. 1 pl. and 2 tables. (37123)

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Accumatoren - Fabrik Aktiengesellschaft, Berlin.

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Acetilene. (L') e le sue applicazioni. Anno 1, Aprile 1896-[Series 2] Anno 3, No. 13, 1899. *Milano*. 4 vols. 4°. K 43: 896.

Publication: Weekly.

Title changed: "Luce e Calore," 1897-99.

Deficient: July-Dec., 1897.

Acetylen in Wissenschaft und Industrie.

Zeitschrift des deutschen Acetylenvereins. Jahrg. 1, etc. *Halle a. S.*, 1898, etc. 4°. K 43: 898.

Editors: M. Altschul and K. Scheel, 1899-1908; K. Scheel, 1904; T. Kautny, 1906, etc.

Acetylene. *London*, 1903, etc. 4°. K 43: 903.

Publication: Monthly.

Acetylène. éclairage . . . chauffage, force motrice. Année [i.e. Tome] 10, etc. *Paris*, 1901, etc. 4°. K 43: 901.

Publication: Bi-monthly; weekly from 12th July, 1903.

History: Prior to 1901 formed part of the Journal de l'Electrolyse.

Title varied: With Année [i.e. Tome] 12, "Revue générale de l'Acetylène."

Achard, Auguste.

— La sécurité publique sur les chemins de fer et dans les usines à vapeur par l'embrayage électrique. *Grenoble*, 1861. 8°. 48 pp. (34717)

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— How to take Stereoscopic pictures. 2nd ed. *London*, 1857. 8°. 120 pp. (13739)

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Action-Gesellschaft. See AKTIEN-GESELLSCHAFT

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- A study of Cider making in France, Germany, and England, with comments and comparisons of American work. 1903. 114 pp. 7 pl. Ibid. Bureau of Chemistry. Bulletin 71. J 29 C :

Alwyn, Geoffrey.

- See ABELE, H. The Violin and its story. From the German by G. A. 1905. sm. 8°. (31819)

Amaduzzi, Lavoro.

- Il Selenio. (Attualità Scientifiche.) Bologna, 1904. 8°. 150 pp. (31564)

Amateur-Photograph (Der). Band 12, etc.

Düsseldorf, 1898, etc. 8°. A 11 : 898.

Publication: Monthly.

Title changed: "Photographische Welt," 1905, etc.

Editors: R. E. Liesegang, 1898-99; M. Ferraris, 1900-05; H. Spörl, 1905, etc.

Imprint changed: Leipzig, 1906, etc.

Amateur Photographer. Vol. 1, etc. London, 1884, etc. 4°. A 11 : 884.

Publication: Weekly.

History: In 1908 amalgamated with "The Photographic News," q.v.

Ambourney, L. A. d'.

- Recueil de procédés et d'expériences sur les Teintures solides que nos végétaux indigènes communiquent aux laines et aux lainages. Paris, 1786. 4°. 410 pp. (33352)

- The same. Nouv. éd. Paris. An 2. [1793.] 8°. 294 pp. (33353)

Ambronn, Friedr. Anton Leopold.

- Handbuch der astronomischen Instrumentenkunde. Berlin, 1899. 2 vols. 8°. (26925)

Amellhon, Hubert Pascal.

- Mémoire dans lequel on examine s'il est prouvé que les anciens aient connu le Télescope ou les Lunettes d'approche. Ex: "Hist. de l'Acad. Roy. des Inscriptions et Belles-Lettres." Tome 42. 1786. pp. 496-536. 4°. (29686)

Amenc, Léon.

- Notes sur le Graissage des machines et la fabrication des huiles à graisser et sur le Godet Graisseur Automatique. Clermont, 1862. 8°. 20 pp. (28048)

American.

- The American Family Receipt Book: consisting of several thousand most valuable receipts, experiments, etc. (Cottage library.) London. [Reprinted from the American edition by Milner and Sowerby.] 1854. sm. 8°. 448 pp. 2 pl. (30062)

American Aeronaut and Aerostatist, (The). Vol. 1, etc. [St. Louis.] 1907, etc. 8°. E. 60 : 907.

Publication: Monthly.

Editor: T. R. MacMechen.

Title varied: With vol. 1, No. 4, "and Aerostatist" omitted.

American Architect, etc.

— "The Georgian Period," being measured drawings of Colonial work. By F. E. Wallis, etc. [Boston, Mass.] 1898-1902. 3 vols. fol. (27004)

American Association of Farmers Institute Workers.

— Proceedings. 6th Annual Meeting, 1901, etc. See U.S. DEPT. OF AGRICULTURE: *Experiment Station*. Bulletin 110, 120, 138, 154, 165, 182, 199, etc. J 29 : 889.

For bibliography of Proceedings 1-5 see above Bulletin, 110, p. 9.

American Baking Powder Association.

— See MORRISON, A. C. The baking powder controversy. 1904-07. 1 vol. in two. 8°. (32146)

American Bell Telephone Co. See also NATIONAL BELL TELEPHONE CO.

— A description of the Telephone and of the apparatus used in connection therewith. [South Framingham, Mass., J. C. Clark Printing Co. (Printer.)] 1881. 8°. 30 pp. (36764)

American Bottler. Vol. 2, etc. New York, 1882, etc. 4°. K 90 : 882.

Publication: Monthly.

Title varied: "American Carbonator and American Bottler," 1888-1905; "American Bottler," 1906, etc.

American Carbonator, etc.

— See AMERICAN BOTTLER, 1888-1905. K 90 : 882.

American Catalogue. Under the direction of F. Leyppoldt. New York, 1880, etc. 4° and 8°. (2412)

[A] Author and title entries of books in print and for sale July 1, 1876. Subject entries . . . July 1, 1876. (1880-81). 2 vols.

[B] Books recorded . . . July 1, 1876-June 30, 1884. (1885.) 2 pts.

[C-G] Books recorded—[C] 1884-90 (1891), 2 pts.; [D] 1890-95 (1896), 2 pts.; [E] 1896-1900 (1901), 2 pts.; [F] 1900-05 (1905); [G] 1905-07 (1908), etc.

Editors: [A] L. E. Jones; [B-F] R. R. Bowker. Size: Changed from 4° to 8° in 1905.

American Ceramic Society.

— Transactions, 1st Annual Meeting, 1899, etc. Columbus, Ohio, 1900, etc. 8°. K 71 : 899.

— See also SEGER, H. A. The collected writings of H. A. S. . . . Transl. . . . the American Ceramic Society, 1902. 2 vols. 8°. (28553)

— A bibliography of Clays and the Ceramic Arts. By J. C. Branner. [2nd ed.] Columbus, Ohio, 1906. 8°. 452 pp. (37303)

American Chemical Journal. Vol. 1, etc. Baltimore, 1879, etc. 8°. K 1 : 879.

Publication: Monthly.

Editors: I. Remsen, 1879, etc.

Indexes: Decennial. 1879-88, by W. R. Orndorff; 1889-98, by J. E. Gilpin.

American Chemical Society.

— See also JOURNAL OF INDUSTRIAL, etc., CHEMISTRY. Issued by the A.C.S. 1909, etc. 4°. K 30 : 909.

— Journal. Vol. 1, etc. New York, 1879, etc. 8°. K : 879.

Publication: Monthly.

Indexes: General Index, 1879-98, and to Proceedings, 1877-79 (1902).

Imprint changed: From 1898, Easton, Pa.

— Proceedings. 1894, etc. Easton, Pa., 1894, etc. 8°. K : 879a.

History: Issued with the "Journal" *supra*, with which it is bound for 1894-1900.

— Chemical Abstracts. Vol. 1, etc. Easton, Pa., 1907, etc. 8°. K 2 : 907.

American Dental Association.

— Transactions, 1859, etc. Cincinnati, etc., 1860, etc. 8°. H 10 : 859.

History: Prel. Meeting, 1859. 1st Annual Meeting, 1860. No meeting in 1861. In 1897 new Association formed under title of "National Dental Association," amalgamating the "Southern" and "American" Dental Associations. Deficient: 1862-68.

American Electric and Automobile Patents Monthly.

Including Air and Gas Engines, and Acoustics. Compiled by J. T. Allen. Vol. 1. Nos. 1-6 (all publ.). Washington, D.C., 1902. 8°. D 52 : 902.

American Electrical Engineering Association.

— Patented Telephony. Chicago, 1897. sm. 8°. 102 pp. 27 pl. (15130)

American Electrician.

— See ELECTRICAL INDUSTRIES, 1896, etc. fol. D 51/895.

— Electrical designs, comprising instructions for constructing small motors, testing instruments, etc. (Reprinted from the "Amer. Electrician.") New York, 1901. 8°. 270 pp. (28565)

American Electrochemical Society.

— Transactions. Vol. 1, etc. Philadelphia, 1902, etc. D 58 : 902

Publication: 2 vols. yearly.

American Engineer (The). Vols. 19-22. Chicago, 1890-91. 4 vols. fol. E 20/890.

Publication: Weekly.

American Fertilizer (The). Vol. 14, etc. Philadelphia, 1901, etc. J 71 : 901.

Publication: Monthly.

American Fireproofing and Cement Construction Co.

— The De Man system of Fireproof Construction. New York, [1901]. sm. 8°. 80 pp. (28717)

American Gas Institute.

— Proceedings, 1st Annual Meeting, 1906, etc. [New Albany, Ind.] 1907, etc. 8°. K 41 : 873a.

History: An amalgamation of the Ohio, American, and Western Gas Associations.

American Gas Light Association.

— Proceedings. [Annual Meeting 1-33.] New York, etc., 1875-1905. 22 vols. 8°. K 41 : 873.

History: Federated in 1905 with other Associations under the title of the American Gas Institute, *q.v.* Indexes: Vol. 1-8 (1889) in Vol. 8.

American Hatter (The). Vol. 34, etc. New York, 1904, etc. 4°. E 90/904.

Publication: Monthly.

American Homes and Gardens.

— See SCIENTIFIC AMERICAN, Architects' and Builders' Edition. 1905, etc. F 68/885.

American Institute of Architects.

— Quarterly Bulletin. Containing an Index of Literature . . . on Architecture, etc., from January, 1900. Vol. 1, etc. Washington, D.C., 1900, etc. 4°. F 60 : 870a.

American Institute of Mining Engineers.

— Transactions. Vol. 1, etc. Philadelphia, [1873, etc.]. 8°. G 62 : 871.

Indexes: Vols. 1-35, 1871-1904 (1907).

Imprint changed: New York, 1884, etc.

American International Association of Railway Superintendents of Bridges and Buildings.

— Proceedings. Vol. 1, etc. *Concord, N. H.*, 1891, etc. F 8 : 891.

Publication: Annual.

Title changed: "Assoc. of Railway Superintendents, etc." 1896-1907; "Amer. Railway Bridge and Building Assoc.," 1908, etc.

American Journal of Pharmacy. Published under the authority of the Philadelphia College of Pharmacy. Vol. 59, etc. *Philadelphia*, 1887, etc. 8°. K 21 : 887.

Publication: Monthly.

Editors: J. M. Maisch, 1887-93; H. Trimble, 1894-98; H. Kraemer, 1898, etc.

Indexes: 1826-70 (1873), by H. M. Wilder; 1871-80 (1881), by J. M. Maisch; 1881-90 (1891), by H. M. Wilder.

American Journal of Railway Appliances. Vol. 7, etc. *New York*, 1887, etc. fol. F 22:887

Publication: Monthly.

Title varied: "Journal of Railway Appliances," 1892-1901; "Railway Machinery," 1902, etc.

American Library Association.

— See LIBRARY ASSOCIATION. Cataloguing rules. Compiled by Committees of the A. L. A., and the Library Assoc. 1908. 8°. (37944)

— See UNITED STATES CONGRESS (Library). A. L. A. Catalog, 1904. 2 vols. in one. 4°. (31179)

— List of subject headings for use in Dictionary Catalogs. *Boston, Mass.*, 1895. 8°. 194 pp. (25153)

— The same. 2nd ed. with Appendix containing hints on subject cataloging, etc. *Boston, Mass.*, 1898. 8°. 212 pp. (26554)

American Locomotive Company.

— Large Steam and Electric Locomotives. By J. E. Muhlfeld. *New York*, [1906]. obl. 8°. 28 pp. (2200)

American Magazine of Aeronautics. Vol. 1, etc. *New York*, 1907, etc. 8°. E 60 : 907.

Publication: Monthly.

Title varied: Vol. 2, No. 2, etc., "Aeronautics."

American Manufacturer and Iron World. Vol. 70-78. *Pittsburg, Pa.*, 1902-06. 9 vols. sm. 4°. C 42 : 902.

Publication: Weekly.

American Men of Science. A biographical directory. Ed. J. M. Cattell. 1906. *New York*, 1906. 8°. C 38 : 906.

American Monthly Microscopical Journal. Vol. 1-23. *New York*, 1880-1902. 23 vols. 8°. H : 880.

Editors: R. Hitchcock, 1880-86; published since 1887 by C. W. Smiley.

Imprint changed: *Boston*, 1878; *Washington*, 1874-1902.

Indexes: Vol. 1-16, 1880-95 (1896).

American Pomological Society.

— Catalogue of Fruits recommended for cultivation . . . by the American Pomological Society. 1897. 40 pp. See U. S. DEPT. OF AGRICULTURE: *Div. of Pomology*. Bulletin 6. J 29 P:

— Revised Catalogue of Fruits recommended for cultivation in the various sections of the United States and the British Provinces. 1899. 63 pp. *Ibid.* *Div. of Pomology*. Bulletin 8. J 29 P:

American Railway Association.

— See GENERAL TIME CONVENTION, 1894, etc. F 8 : 886.

American Railway Bridge and Building Association. See AMERICAN INTERNAT. ASSOCIATION OF RAILWAY SUPERINTENDENTS, etc.

American Railway Engineering and Maintenance - of - Way Association. Bulletin. Vol. 2. No. 1, etc. [*Chicago*], 1900, etc. 8°. F 8 : 900.

American School of Correspondence. See ARMOUR INSTITUTE OF TECHNOLOGY.

American Sewage Disposal Company.

— Sewer building and Sewage disposal. [U.S. Patent No. 559,552.] *Boston, Mass.*, [1899]. sm. 4°. 52 pp. *Ports.* and 3 insets. (26965)

American Shipbuilder. Vol. 8-34. *New York*, 1894-1907. 26 vols. in 12. fol. F 82/894.

Publication: Weekly.

American Silk Journal.

— A glossary of Silk terms. *New York*, [1905]. 12°. 24 pp. (31960)

American Society of Civil Engineers.

— Catalogue of the Library. June, 1900. *New York*, [1900]. 8°. 704 pp. (27532)

American Society of Heating and Ventilating Engineers.

— Transactions. Vol. 1, etc. *New York*, 1895, etc. 8°. F 52 : 895.

Publication: Annual vol.

American Society of Irrigation Engineers.

— Transactions, etc. Vol. 1-2. *Denver, Col.*, 1894-97. 2 vols. 8°. J 73 : 892.

Publication: Vol. 1, Annual vol.; vol. 2, No. 1-2 Jan.-April, 1895; No. 3, Jan. 1897.

American Society of Mechanical Engineers.

— Transactions. Vol. 1, etc. *New York*, 1880, etc. 8°. E 30 : 880.

Indexes: Vol. 1-20, 1880-99. (1899.)

— Committee on Boiler tests. Report. See POOLE, H. The calorific power of Fuels . . . Appended, the Report of the Committee on Boiler tests of the American Soc. of Mech. Engineers. (Dec. 1897). 1898. 8°. (25356)

— Report of the Committee on the revision of the Society Code of 1885, relative to a standard method of conducting Steam-boiler trials. With Discussion. Ex: "Trans. Am. Soc. of Mech. E." Vol. 21. 1899. pp. 33-138. 8°. (29338)

American Street and Interurban Railway Association. See AMERICAN STREET RAILWAY ASSOCIATION. Reports. 1906, etc.

American Street Railway Association. Report 1, etc. *Brooklyn*. 8°. F 30 : 882.

Publication: Annual.

Title changed: "Amer. Street and Interurban Railway Assoc.," 1906, etc.

American Telephone Journal. Vol. 17, (No. 5).—Vol. 18, (No. 9). *New York*, 1908, etc. 4°. D 60 : 908.

Publication: Weekly.

History: Incorporated "Sound Waves," on Feb. 22nd, 1908. Amalgamated with "Telephony."

Ames, T. L., Lieut. U.S.A.

— The granulation of Smokeless Powder for Cannon. 1902. 7 pp. See U.S. WAR DEPT. Notes on Ordnance. 85. F 92: 863c.

Amichevoli, Costanzo, pseud., [i.e. Francesco Eschenardi].

— Architettura civile. Terni, 1875. 4°. 52 pp. (36248)

— Architettura militare. Roma, 1684. 4°. 56 pp. (36249)

Amiot, Joseph, Père.

— See ART militaire des Chinois. Trad. [J.] A. 1772. 4°. (35345)

Amongst.

— Amongst Machines. By the author of "The Young Mechanic" [i.e. Rev. J. Lukin]. London, Trübner & Co., 1876. 8°. 344 pp. (35835)

— The same. 3rd ed. London, Trübner & Co., 1891. sm. 8°. 344 pp. (19109)

Reprint of 1st ed.

Amoretti, Carlo.

— Instruction sur la culture et l'usage des Pommes de terre. Trad. de l'Italien par C. L. M. Dorfeuille. Niort, 1807. sm. 8°. 62 pp. 1 pl. (35172)

— Memorie storiche su la vita gli studi e le opere di Lionardo da Vinci. Si aggiungona le Memorie intorno alla vita del B. Oltrocchi, dal P. Cighera. Milano, 1804. 2 pts. 8°. (32443)

Amos, Andrew.

— Lectures . . . on the Law relating to Patents. See SMITH, J. W. An epitome of the law relating to Patents. 1836. Appendix 4. pp. 103-126. 12°. (1363)

Amoudruz, J. F.

— Nouvel emploi de l'Écoubage, désinfection instantanée de toute putréfaction, etc. Ex: "Annales de la Chambre roy. d'agriculture de la Savoie," 1844. pp. 247-287. 8°. (34840)

Ampère, André Marie.

— Eulogy on Ampère. By [D. F. J.] Arago. 1872. See SMITHSONIAN INST. Report. 1872. pp. 111-171. B 13 S: 847.

Amrine, T. H.

— Comparative tests of carbon, metallized carbon, and tantalum filament Lamps. 1907. 44 pp. See ILLINOIS UNIV.: Engineering Expt. Station. Bulletin 19. E 12: 904.

— Lighting country homes by private Electric Plants. 1908. 36 pp. Ibid. Bulletin 25. E 12: 904.

Amson, Georges.

— Brosserie, Maroquinerie, Tabletterie et Vannerie. 1902. See PARIS UNIV. EXHIBITION, 1900. Rapports du Jury International. Classe 98. pp. 5-118. 8°. (29967)

Amsterdam Universal Exhibition, 1883.

— [Rapport.] See GRANDES USINES. Tome 15. [Liv. 288-98.] 176 pp. C 43: 860.

Amstutz, N. S.

— Handbook of Photoengraving. An enlargement and revision of Jenkins' "Manual of photoengraving." With chapters on . . . half-tone color-work, by F. E. Ives and S. H. Horgan. 3rd ed. Chicago, 1907. 8°. 440 pp. 7 pl. (36411)

Amy, Joseph, Advocate.

— Nouvelles Fontaines domestiques, approuvées par l'Académie Royale des Sciences. [ii. Question de médecine. iii. Avis au public sur l'usage des nouvelles fontaines domestiques et de santé.] Paris, 1750. 3 pts. 12° (34659)

— Reflexions sur les Vaisseaux de cuivre, de plomb et d'étain, et division de l'extrait du livre intitulé "Nouvelles fontaines domestiques," etc. Paris, 1752. 2 pts. 12°. (34802)

Anales de Construcciones civiles, minas e industrias del Peru, publicados por la Escuela de Ingenieros de Lima. Tomo 2-6. 2ª Serie. Tomo 1, etc. Lima, 1882, etc. 8°. B 82: 882.

Deficient: All pub. between 1887 and 1901.

Analyst (The). A monthly journal of Science, Literature, and the Fine Arts. Vol. 1-10. London, 1834-40. 10 vols. 8°. A 40: 834.

Published: Quarterly from 1835.

Editors: W. Holl and N. Wood, 1837, vol. 6; W. H. and E. Mammatt, 1837, vol. 7; E. M., 1838-40.

Analyst (The), including the Proceedings of the Society of Public Analysts. Vol. 1, 1875, etc. London, 1876, etc. 8°. K 18: 875.

Published: Monthly.

Editors: G. W. Wigner, and J. Muter, 1877-83; J. Muter, 1884-1890; later by Editorial Committee.

Indexes: Vol. 1-20, 1877-95, (1897); 21-80, 1896-1905, (1906). By J. C. Welch.

Imperfect: Vol. 1 wants No. 3, 4, 6, 7, 9, 10, 11.

Anbau.

— Ueber den Anbau der Runkelrübe, und die Einrichtung der Runkelrüben-Zuckerfabriken. Prag, G. Haase Söhne, 1834. 8°. 46 pp. (37451)

Ancellin, Constant François.

— Traité pratique sur la filature du Lin et du Chanvre. 3e éd. Paris, [186?]. 8°. 148 pp. (38156)

Ancona, Ugo.

— Graphische Theorie der Otto-Gasmaschine. 1895. See VER. ZUR BEFÖRDERUNG DES GEWERBFLEISSES: Verhandlungen. Jahrg. 74. pp. 333-368. 4°. B 67 P:

Andersch, Louis. [Andersch Bros.]

— Hunters and Trappers guide, illustrating the fur-bearing animals of North America. 2nd ed. Minneapolis, 1906. 8°. 438 pp. portr. (34116)

Anderson, Miss A. M.

— See HOME OFFICE. Tinning of metals. Special report . . . by A. M. A., etc. 1907. fol. (35551)

Anderson, B. G.

— Improvement of Virginia fire-cured Tobacco. By G. T. McNess and others. 40 pp. 6 pl. See U.S. DEPT. OF AGRICULTURE: Bureau of Soils. Bulletin 46. J 29 S:

Anderson, D. H.

— The Primer of Irrigation. Chicago, [1905]. sm. 8°. 258 pp. 16 pl. (32861)

Anderson, Frederic Alfred.

— Boiler feed water. ("Electrician" Series.) London, [1909]. 8°. 166 pp. (37848)

Anderson, Geo. Lucius, Major U.S. Artillery.

— Electricity and its applications in Artillery practice. 1893. 66 pp. See U.S. WAR DEPT. Adjutant-General's Office. Artillery Circular. C. 4°. F 92/893.

Anderson, Geo. Lucius—cont.

- Handbook for the use of electricians, in the operation and care of Electrical machinery and apparatus of the U.S. seacoast defenses. *New York*, 1902. 8°. 162 pp. 25 pl. (28610)

Anderson, J. A.

- See RICHTMANN, W. O., and ANDERSON, J. A. Spirit of nitrous ether, etc. 1900. 8°. (33661)

Anderson, James, Ll. D., F.R.S.

- See RECREATIONS IN AGRICULTURE, etc. Ed. J. A. 1799-1802. 6 vols. 8°. J 5: 799.

Anderson, James, C.E.

- Report relative to a design for a Chain bridge, proposed to be thrown over the Firth of Forth at Queensferry. *Edinburgh*, 1818. 4°. 32 pp. (32570)

Wants engraved plate.

Anderson, Sir John, C.B., F.R.S.

- Description of the machinery used in the manufacture of Cannon at the Royal Arsenal, Woolwich. 1845. See ROY. ENGINEERS, Corps of. Papers. Vol. 8. pp. 42-60. 7 pl. F 90: 844.
- Report on Machine Tools. 1868. See PARIS UNIV. EXHIBITION, 1867, *British Comm. Reports*. Vol. 4. pp. 357-382. 8°. (13626)
- Report on Machine Tools, Textile, and other Machinery. 1874. See VIENNA UNIV. EXHIBITION, 1873, *British Comm. Reports*. Part 2. pp. 5-110. 8°. (16762)

Anderson, John Wemyss.

- Refrigeration. *London*, 1908. 8°. 252 pp. 4 pl. (36351)

Anderson, John Wm.

- The Prospector's handbook. 2nd ed. *London*, 1887. sm. 8°. 132 pp. (20445)
- The same. 9th ed. *London*, 1902. sm. 8°. 188 pp. (28424)

Anderson, Macfarlane.

- Photo-mechanical processes and guide to color work. *New York*, 1896. sm. 8°. 182 pp. 9 pl. (26009)

Anderson, Robert.

- Geology and oil resources of the Santa Maria oil district . . . California. By R. Arnold and R. A. 1907. 162 pp. 26 pl. See U.S. GEOL. SURVEY. Bulletin 322. G 30: 883.
- Preliminary report on the Coalinga Oil District, Fresno and Kings Counties, California. By R. Arnold and R. A. 1908. 142 pp. 1 map. *Ibid.* Bulletin 357. G 30: 883.

Anderson, Robert H.

- Hydrography of the Susquehanna River drainage basin. By J. O. Hoyt and R. H. A. 1905. 215 pp. 29 pl. See U.S. GEOL. SURVEY. Water-supply, etc., Paper. 109. G 30: 899.

Anderson, Thos., M.D.

- Elements of Agricultural Chemistry. *Edinburgh*, 1860. sm. 8°. 308 pp. (31733)
- Report on Phospho-guano. See LAWSON, P., and SON. Phospho-guano, etc. 1863. 8°. (13705)

Anderson, Wm.

- Japanese wood engravings: their history, technique, and characteristics. *London*, 1908. 12°. 220 pp. (36315)

Anderson, Sir Wm., K.C.B.

- On the Conversion of Heat into Work. A practical handbook on heat-engines. (*Specialists' Series*.) *London*, 1887. 8°. 260 pp. (20229)

Anderson, Sir Wm., K.C.B.—cont.

- The same. 4th ed. *Ibid.* *London*, 1901. sm. 8°. 274 pp. 2 pl. (28395)
- Hydro-pneumatic gear for Siege and Heavy Ordnance. 1884. See ROY. ENGINEERS, Corps of. Prof. Papers. Vol. 10. pp. 233-74. 10 pl. F 90: 844
- The same. (Reprinted 1890.) 33 pp. 10 pl. See U.S. WAR DEPT.: Ordnance Bureau. Notes, etc. 55. F 92: 863c.
- Machinery. See SOCIETY OF ARTS. Colonial and Indian Exhibition, 1886. Reports. pp. 476-490. 1887. 8°. (9473)

Anderson, Wm. A.

- Railway apparatus. See PARIS UNIV. EXHIBITION, 1878, *U.S. Comm.* Reports. Vol. 4. pp. 417-469. 13 pl. 1880. 8°. (33125)

Anderson, Wm. Carrick.

- See SIMMERSBACH, O. The Chemistry of Coke. Trsl. W. C. A. 1899. sm. 8°. (26641)

Anderton, Basil.

- See NEWCASTLE-ON-TYNE (*Public Library*). [Author] Catalogue of the books, etc., on pure mathematics . . . by B. A., etc. 1901. sm. 4°. (32837)

Andés, Louis Edgar.

- Animal Fats and Oils, their practical production, purification . . . properties, falsification, and examination. Trsl. C. Salter. *London*, 1898. 8°. 252 pp. (25389)
- Die Beseitigung des Staubes auf Strassen und Wegen, in Fabriks- und gewerblichen Betrieben und im Haushalte. (*Chem.-techn. Bibl.*) *Wien*, 1908. sm. 8°. 326 pp. (37260)
- Blattmetalle, Bronzen und Metallpapiere, deren Herstellung und Anwendung. (*Ibid.*) *Wien*, 1902. sm. 8°. 334 pp. (28192)
- Drying Oils, boiled Oil, and solid and liquid Driers. *London*, 1901. 8°. 356 pp. (27633)
- Der Eisenrost, seine Bildung, Gefahren und Verhütung unter besonderer Berücksichtigung der Verwendung des Eisens als Bau- und Constructionsmaterial. (*Chem.-techn. Bibl.*) *Wien*, 1898. sm. 8°. 300 pp. (25805)
- Iron corrosion, anti-fouling and anti-corrosive Paints. From the German by C. Salter. *London*, 1900. 8°. 284 pp. (27041)
- Die Fabrikation der Copal-, Terpentinöl- und Spiritus-Lacke. (*Chem.-techn. Bibl.*) *Wien*, 1883. sm. 8°. 428 pp. (11884)
- The same. 2te Aufl. (*Ibid.*) *Wien*, 1895. sm. 8°. 520 pp. (26718)
- Die Fabrikation der Papiermaché- und Papierstoff-Waaren. (*Ibid.*) *Wien*, 1900. sm. 8°. 382 pp. (26881)
- Die Fabrikation der Stiefelwächse und der Leder-Conservierungsmittel. (*Ibid.*) *Wien*, 1893. sm. 8°. 274 pp. (23204)
- The same. 2te Aufl. (*Ibid.*) *Wien*, [1905]. 1906. sm. 8°. 310 pp. (31562)
- Das Gasglühlicht und die Herstellung der Glühstrümpfe . . . sowie Darstellung der Glühlichtlampen für flüssige Brennstoffe, nebst einem Anhang über die einschlägigen Patente aller Länder. *Leipzig*, 1902. 8°. 186 pp. (28459)
- Die Harzprodukte. Gewinnung und Verarbeitung der Rohterpentine zu Terpentinöl und Kolophonium, etc. (*Chem.-techn. Bibl.*) *Wien*, 1905. sm. 8°. 432 pp. (31129)

Andés, Louis Edgar—cont.

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Editors: G. Watt, 1894-96; D. Hooper, 1897.

Title varied: "Review of Mineral Production in India," 1898-97.

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Publication: Annual. Vol. 1 quinquennial (1894-98); subsequent vols. decennial periods, 1890-1900, etc.

India (Govt. of)—cont.**— Dept. of Revenue and Agriculture—cont.**

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- — Jeypore enamels. By S. S. Jacob, and T. H. Hendley. London, 1886. fol. 12 pp. 28 pl. (31837)

— Geological Survey.

- — Records. Vol. 1, etc. Calcutta, 1868, etc. 8°. G 27: 868.

Publication: Quarterly.

Indexes: Vol. 1-20, 1868-87; 21-30, 1887-97.

History: Discontinued between 1897 and 1904, the papers being published in the Memoirs.

- — Sketch of the Mineral Resources of India. By T. H. Holland. Calcutta, 1908. 4°. 104 pp. 3 maps. (37216)

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- — The Inventions and Designs Act 1888. With an explanatory memorandum and directions. Calcutta, 1907. 8°. 88 pp. (34464)

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1. List of Patents granted in India during 1856 to 1879 under Acts vi. of 1856 and xv. of 1859.
2. List of Patents granted [with] Index [quarterly], 1880-91.
3. Alphabetical index to applications for exclusive privilege in respect to inventions under Act v. of 1888 [1888 under Acts xv. of 1859 and v. of 1888]. 1888-1904.

Calcutta, [1885-1904]. fol. and 8°. (539)

- — Proceedings. Notifications of Patents, January, 1889-January 3, 1895.

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— Dept. of Land Records and Agriculture.

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Publication: Annual.

Title varied: "Dept. of Agriculture," 1902, etc.

India: Central Provinces—cont.**— Dept. of Land Records and Agriculture—cont.**

- — Report on the Nagpur Experimental Farm in the Central Provinces. 1883, etc. Nagpur, 1884-90. fol. J 12 C P N.

Publication: Annual.

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- — Cawnpore Experimental Farm [later, and other Experiment Stations]. 1897-98, etc. Allahabad, 1898, etc. fol. J 12 N.W.P.:

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- — A monograph on Cotton Fabrics produced in the N.W. Provinces and Oudh. By O. A. Silberrad. Allahabad, 1898. sm. fol. 68 pp. [8 pl.] (30937)

- — A monograph on Ivory Carving in the North-Western Provinces and Oudh. By L. M. Stubbs. Allahabad, 1900. 4°. 14 pp. (30940)

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- — See THOMASON CIVIL ENGINEERING COLLEGE.

- — The Sugar industry of the United Provinces of Agra and Oudh. By S. M. Hadi. Allahabad, 1902. 4°. 116 pp. 16 pl. (30941)

India Museum. See INDIAN MUSEUM.**India Office.**

- — Bear casks. Memorandum by Dr. Forbes Watson, referring to boring Beetles infesting Bear casks in India, and suggesting certain measures for the prevention of their attacks, etc. [London, 1867.] fol. 4 pp. (29952)

- — Gums, etc. Report by Dr. M. C. Cooke, on the gums, resins, oleo-resins, and resinous products in the India Museum, or produced in India. London, 1874. fol. 156 pp. 4 pl. (16066)

- — Oils. Report by Dr. M. C. Cooke on the oil seeds and Oils in the India Museum, or produced in India. London, 1876. fol. 86 pp. (32893)

- — Wheat. Report of the Conference on Indian Wheat impurities, held at the India Office, May, 1889. [London, 1889.] fol. 56 pp. (29956)

Indian.

- — Indian Domestic economy and Receipt Book. By the author of "Manual of Gardening for Western India." Bombay, J. T. Bell, 1849. 8°. 532 pp. (38121)

Indian Agriculturist, (The). Vol. 30, etc.

Calcutta, 1905, etc. fol. J 12: 905.

Publication: Monthly.

Indian Electrical, etc., News. See INDIAN TEXTILE, etc., NEWS. 1904-08. E 80/891.**Indian Import and Export Trades Journal. Vol. 1-2. Bombay, 1900-01. 2 vols. fol. C 61/900.**

Publication: Monthly.

History: Amalgamated with the "Indian Textile Journal."

Indian Industries and Power. See INDIAN TEXTILE, etc., NEWS. 1903, etc. E 80/891.

Indian Law Reports.

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Publication: Monthly.

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Indian Museum.

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— Notes on Economic Entomology. No. 1, etc. Calcutta, 1888, etc. H 68 : 888.

Title varied: "Indian Museum Notes," 1889, etc.

Indian Railway Conference Association.

— Proceedings of the Locomotive and Carriage Superintendents' Committee, Simla, Sept., 1908. Bombay, 1909. 8°. 398 pp. 20 pl. (38266)

Indian Railway Gazette. Vol. 2, etc. Calcutta, 1908, etc. 4°. F 21 : 908.

Publication: Monthly.

Indian Textile Journal.

— Diary and Reference Book. 1904, etc. E 80 : 904.

— The Bombay Cotton Mills. The spinning of 10's, 20's, and 30's counts. By a Retired Mill Manager. Bombay, 1907. 8°. 32 pl. (34370)

Indian Textile, Mechanical, and Electrical News. Vol. 1, etc. Bombay, 1903, etc. 4°. E 20 : 903.

Publication: Monthly.

Title varied: "Indian Electrical, etc., News," 1904-07; "Indian Industries and Power," 1908, etc.

Indian Trade Journal. Vol. 1, etc. Calcutta, 1906, etc. 4°. O 61 : 906.

Publication: Weekly.

History: Issued by the Commercial Intelligence Department of the Government of India.

Indicateur.

— L'Indicateur Électrique du niveau d'eau à Signaux optiques et acoustiques. Vienne, [187 ?], H. Engel et fils. 4°. 8 pp. 3 pl. (27953)

Industria Chimica, (L'). See CHIMICA INDUSTRIALE, (La), 1903, etc. K 30/899.

Industrial.

— Industrial Self-Instructor (The), and Technical Journal. By numerous practical writers and technical experts. Vol. 1-5. [Re-issue.] London, Ward, Lock, & Co., [1885-88]. 5 vols. 4°. (36198)

Industrial Motor Review. See AUTOMOBILE COMMERCIAL VEHICLE REVIEW. 1905-08. E 73 : 903.

Industrial Property, (The). No. 1, etc. [In Japanese language.] Tokyo, 1905, etc. 8°. BI 70 z.

Publication: Monthly.

History: Organ of the Association for the Protection of Industrial Property. (Japan.)

Industrial World. 40th year. No. 1-26. Pittsburgh, 1906. 4°. O 42 : 906.

History: Incorporates the "American Manufacturer and Iron World."

Industrie, (Die) comprimierter Gase. See ZEITSCHRIFT FÜR DIE GES. KOHLENSÄURE-INDUSTRIE. 1901, etc. K 90 : 896.

Industrie Électro-Chimique, (L'). Année 1-9. Paris, 1897-1905. 9 vols. in threes. 4°. D 58 : 897.

Publication: Monthly.

Editor: H. Becker.

History: Nos. for Dec., 1899; Jan-Dec., 1902; July-Dec., 1904; Nov.-Dec., 1905, not issued.

Industrie Textile, (L'). Année 11, etc. Paris, 1895, etc. 4°. E 80/895.

Publication: Monthly.

Editor: E. Flavien, 1895-6; A. Renouard, 1897, etc.

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Ingalls, James M., Capt. U.S.A.

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Ingalls, Walter Renton.

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Ingen-houssz, Jan, F.R.S.

— An essay on the Food Plants and the renovation of Soils. 1796. 20 pp. See BOARD OF AGRICULTURE. Outlines of the Fifteenth Chapter of the proposed general report. Appendix. No. 5. 4°. (8982)

— Experiments upon Vegetables, discovering their great power of purifying the common air in the sunshine, and of injuring it in the shade and at night. [Added], A new method of examining the accurate degree of salubrity of the atmosphere. London, 1779. 8°. 370 pp. 1 pl. (32287)

Ingénieur Français, (L'), et la Revue des Brevets d'Invention (ré-unis). Année 4-8. Paris, 1899-1903. 4 vols. fol. O 43 : 899.

Publication: Monthly, 1899-00 and 1902; 24 Nos. yearly, 1901.

Editors: A. S. Picard, G. Delom, and P. Ferrand.

Ingham, Edward, and Davies, R.

— A discussion on high and low pressure Steam. Added, Appendix, by E. Ingham on the value, etc., of the indicator . . . theory and practice of condensation, etc. [Reprinted from "The Engineer" 1857-60.] Manchester, 1865. 2 pts. 8°. (35779)

Ingham, Wm.

— Household Boiler explosions; their cause and prevention. London, 1882. sm. 8°. 48 pp. 6 pl. (35243)

Ingle, Harry.

- See INGLE, H., and H. Chemistry of Fire, etc. 1900. sm. 8°. (27021)

Ingle, Herbert.

- Manual of Agricultural Chemistry. London, 1902. 8°. 418 pp. (28948)

— and H.

- The Chemistry of Fire and Fire Prevention. New York, 1900. sm. 8°. 300 pp. 1 pl. (27021)

Inglis, James Chas.

- The Permanent Way of Railways. 1899. See ROYAL ENGINEERS. Prof. Papers. Vol. 25. pp. 107-125. F 90 : 844.

Inglis, Thos., Col. R.E.

- Casemate and Shield experiments. 1870-73. See ROYAL ENGINEERS. Prof. Papers. Vol. 18, 20, and 21. F 90 : 844.

- Notes on Armoured defences. 1882. *Ibid.* Vol. 7. pp. 253-294. 13 pl. F 90 : 844.

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- Targets for the trial of recent heavy Ordnance. Part 1-5. 1877-80. *Ibid.* Vol. 1, 2, 4. F 90 : 844.

"Inland Printer" Company.

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First written and published by P. J. Lawler.

Inland Revenue. See BOARD OF INLAND REVENUE.**Innes, Chas. H.**

- Air Compressors and Blowing engines. Manchester, 1906. sm. 8°. 290 pp. (33146)

- The Centrifugal Pump, Turbines, and Water motors. Manchester, [1893]. sm. 8°. 186 pp. (23764)

- The same. 3rd ed. Manchester, 1901. sm. 8°. 234 pp. (28253)

- The same. 4th ed. Manchester, 1904. sm. 8°. 348 pp. (31350)

- The Fan: including the theory and practice of centrifugal and axial Fans. Manchester, 1904. sm. 8°. 258 pp. 5 pl. (31017)

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Innes, W.

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Institut électrotechnique Montefiore. See LIÈGE (Univ.): Institut électro-technique, etc.**Institut für Gärungsgewerbe in Berlin.** See BLÄTTER FÜR GERSTEN, HOPFEN- UND KARTOFFELBAU. Im Auftrage des Institutes für Gärungsgewerbe in Berlin. 1899-1901. J 62 H : 899.

- Das Institut für Gärungsgewerbe und Stärkefabrikation in Berlin. 3te Aufl. Berlin, 1900. 4°. 48 pp. (26830)

Institut International de Bibliographie.

- See RÉPERTOIRE DES BREVETS D'INVENTION DÉLIVRÉS EN BELGIQUE. Liste systématique établie par l'Institut. (33866)

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A reissue from the Bulletin, below.

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- Institut Pasteur.** Bulletin. Tome 1, etc. Paris, 1903, etc. 8°. H 1 : 887a.

Publication : 24 Nos. yearly.

Institute of Chemistry of Great Britain and Ireland.

- Proceedings. Part 1, etc. London, 1903, etc. 8°. K : 903.

Publication : 3 Nos. yearly.

Institute of Commercial Research in the Tropics. See LIVERPOOL (Univ.): Institute of Commercial Research in the Tropics.**Institute of Land Surveyors of the Transvaal.** Journal. Vol. 1, etc. Johannesburg, 1905, etc. 8°. E 27 : 905.**Institute of Marine Engineers.**

- Transactions, comprising Papers, Discussions, and Reports. Vol. 1, etc. Stratford, 1889, etc. 8°. F 81 : 889.

Index : Vol. 1-8 in Vol. 8.

Institute of Sanitary Engineers.

- Proceedings. Vol. 2, etc. London, 1898, etc. 8°. F 52 : 898.

Publication : Annual, 1898-1906; Quarterly, 1907, etc. Title varied : "Journal," 1905, etc.

Institution of Civil Engineers.

- See ENGINEERING STANDARDS COMMITTEE. E 5/903.

- Catalogue of Library. [1. Authors.] [2.] Subject-Index. London, 1895-1904. 5 vols. 8°. (14784)

- Report of the Committee appointed . . . to consider and report . . . upon . . . the best methods of tabulating the results of Steam-engine and Boiler trials. London, 1903. 8°. 118 pp. 2 pl. (32908)

- Report of the Committee . . . upon the subject of the definition of a standard or standards of thermal efficiency for Steam-engines. London, 1898. 8°. 38 pp. 1 pl. (25437)

Institution of Civil Engineers in Ireland.

- Transactions. Vol. 1-27. 1844-98. Dublin, 1845-98. 27 vols. 8°. E 10 : 844.

Publication : Annual.

Indexes : Vol. 1-9 in Vol. 9.

Institution of Gas Engineers.

- Transactions. *London*, 1903, etc. 8°. K 41 : 864b.

Publication : Annual.

History : An amalgamation of the "Incorporated Gas Institute," and the "Incorporated Institution of Gas Engineers."

Institution of Junior Engineers. *See*

JUNIOR ENGINEERING SOCIETY. 1894-1902. E 10 : 886.

Institution of Mechanical Engineers.

- *See* ENGINEERING STANDARDS COMMITTEE. E 5/903.

- Alloys Research Committee. Report 1, etc. Ex : "Proceedings of the Inst. Mech. Engineers." Appendix. The microscopical examination of the alloys of copper and tin. By W. Campbell. 1901. *London*, 1891, etc. 8°. (13436)

Editors : Report 1-5 by Sir W. C. Roberts-Austen ; Report 6 by Sir W. C. R.-A., completed by W. Gowland.

Institution of Naval Architects. *See* ENGINEERING STANDARDS COMMITTEE. E 5/903.**Institution of Permanent-way Inspectors.**

- Reports, etc. Vol. 1, etc. *Gloucester*, 1884, etc. 8°. F 6 :

Publication : Annual, 1889-91 ; twice yearly, 1892, etc. *Title varied* : "Permanent-way Institution," 1895, etc. *Place of Publication* : *London*, 1892, etc.

Institution of Post Office Electrical Engineers.

- *See* POST OFFICE ELECTRICAL ENGINEERS' JOURNAL. 1908, etc. D 50 : 908.

- [Professional Papers.] [No. 1, etc.] *London*, 1906, etc. 8°. D 50 : 906.

Institution of Surveyors.

- Transactions. Vol. 1. 1868, etc. *London*, [1869, etc.] 8°. E 27 : 868.

Publication : 12 Nos. yearly.

Title varied : "Surveyors' Institution," 1881, etc.

Indexes : Vol. 1-38, 1868-1905.

Deficient : Vol. 4-5.

- Professional Notes. Vol. 1, etc. *London*, 1886, etc. 8°. E 27 : 868a.

Publication : 4 Nos. yearly.

Indexes : Vol. 1-8, 1886-98. With Appendices.

Instituto Nacional de Geografía y Estadística de la República Mexicana.

- Boletín. Tomo 1-12 ; 2a Época, Tomo 1-4. Suplemento 1-3. *Mexico*, 1862-72. 17 vols. 8°. AR 95x°.

Title varied : "Sociedad Mexicana de Geografía, etc.," 1852-68 ; "Sociedad de Geografía, etc., de la República Mexicana," 1869-72.

Instruction.

- Instruction pratique sur l'emploi des lampes de sûreté dans les mines, et sur les moyens de pénétrer sans danger dans les lieux méphitisés. [Paris, Imp. Royale.] 1824. 8°. 72 pp. 3 pl. (34215)
- Instruction pour les gens de guerre, ou l'on traite de l'Artillerie, etc. [Par — Gautier.] Paris, J. Cognard, 1692. 12°. 210 pp. 14 pl. (34158)
- Instruction sur la manière de se servir de la règle à calcul. 2e éd. Paris, Bachelier, 1825. sm. 8°. 122 pp. 21 pl. (38305)
- Instruction sur le Revolver modèle 1892. Paris, H. C. Lavauselle, [1903]. 16°. 42 pp. (30741)

34222

Instructions.

- Instructions for cutting out Apparel for the poor . . . containing patterns, directions, and calculations . . . of cloathing of every size . . . Published for the benefit of the Sunday school children at Hertingfordbury, Hertford. *London*, J. Walter, 1789. 8°. 104 pp. 13 pl. (37914)

- Instructions for the adjustment of Sir W. Thomson's Patent Compass of 1879. [Excerpt.] 8°. 22 pp. (35529)

- Instructions for the use of Farriers attached to the British Cavalry, and to the Honourable Board of Ordnance. *London*, 1796. 8°. 42 pp. (38701)

- Instructions in all kinds of Gymnastic Exercises as taught, etc. in the gymnastic institutions of Germany. By a Military Officer. *London*, G., and W. B. Whittaker, 1823. 8°. 112 pp. 11 pl. (30196)

- Instructions sur la nouvelle méthode de préparer le Mortier-Loriot. Paris, J. Barbou, 1775. sm. 8°. 16 pp. 1 pl. (34214)

Insurance Engineering Experiment Station. *See* BOSTON MANUFACTURERS' INSURANCE CO. F 48 : 902.**Intercolonial Exhibition of Australasia.**

See MELBOURNE : Intercolonial Exhibition.

International Association, etc. *See under* French official title ; failing which, under the official title of the Association, etc. in the country of origin.**International Association of Fire Engineers.** *See* NATIONAL ASSOCIATION OF FIRE ENGINEERS. 1895, etc. F 48 : 880.**International Association of Municipal Electricians.** *See* NATIONAL ASSOCIATION OF MUNICIPAL ELECTRICIANS. 1900, etc. D 50 : 899.**International Catalogue of Scientific Literature.** Published for the International Council by the Royal Society. 1st Annual Issue. 1902, etc. *London*, 1902, etc. C 39 : 902.

Issued in 17 sections, lettered A-R.

- [Reports, classification schedules, etc.] *London*, 1898-1900. 2 vols. 8°. (32348)

- German Bureau. *See* BIBLIOGRAPHIE DER DEUTSCHEN NATURWISSENSCHAFTLICHEN LITERATUR. C 39 : 901.

- Queensland volume. By John Shirley. *Brisbane*, 1899. 8°. 160 pp. (35874)

International Congresses. *See under* French official title. For Congresses held in connection with International Exhibitions *see under* Exhibition heading.**International Directory of Booksellers and Bibliophile's Manual.** Ed. J. Olegg. 6th Issue, etc. *Rochdale*, 1903, etc. 8°. A 32 : 903.**International Harvester Co., of America.**

- Farm Science. By J. E. Wing, etc. *Chicago*, 1906. 8°. 123 pp. (35160)

International Marine Engineering. *See* MARINE ENGINEERING, 1906, etc. F 82 : 897.**International Sugar Journal.** *See* SUGAR CANE, (The). 1899, etc. K 81 : 869.**Internationale Kommission, etc.** *See* COMMISSION INTERNATIONALE, etc.

Internationale Tapete, (Die). See PAPIER PEINT, (Le).

Internationales Institut für Techno-Bibliographie, Berlin. See TECHNISCHE AUSKUNFT. 1909, etc. C 39: 909.

Internationales Zentralblatt für Baukeramik und Glasindustrie. See ZENTRALBLATT FÜR GLAS-INDUSTRIE, etc. 1907, etc. K 71/897.

Interstate Commerce Commission, U.S.A. See U.S. INTERSTATE COMMERCE COMMISSION.

Introduction aux Observations sur la Physique, etc. See OBSERVATIONS SUR LA PHYSIQUE, etc. 1771-72 Supplément. (1777). C 3: 771.

Introduzione.

— Introduzione all'Arte Nautica per uso de piloti, etc. [By G. Alberti.] *Venetia*, 1715. 4°. 308 pp. 26 pl. (29192)

Intze, Otto.

— Ueber die Wasserverhältnisse in Gebirge, deren Verbesserung und wirthschaftliche Ausnutzung. Ex: "Zeitschrift für Architektur und Ingenieurwesen." *Hannover*, [1899]. fol. 48 col. (27150)

Invention.

— An invention of Engines of Motion lately brought to perfection. [Two letters to Samuel Hartlib, by Cressy Dymock.] *London*, 1651. sm. 4°. 14 pp. (30505)

Reprinted in his Biographical Memoir of S. Hartlib, by H. Dircks. (3277)

Inventors' Record and Industrial Guardian. Vol. 1-26. *London*, 1879-1902. 26 vols. fol. C 40/879.

Publication: Weekly.

Title varied: "Invention and Inventor's Mart," 1884-86; "Invention," 1886-1902.

Ion. A journal of Electronics, Atomistics, Ionology, Radioactivity, and Rauehemistry. Vol. 1, etc. *London*, [Hulle a. S., printed], 1908, etc. D 53: 908.

Publication: Monthly.

Editor: C. H. Walter, 1908, etc.

Iorns, M. J.

— Pine-apple growing in Porto Rico. By H. C. Henrickson and M. J. I. 1909. 42 pp. 6 pl. See PORTO RICO: Agric. Expt. Station. Bulletin 8. J 30 PR.

Iowa Civil Engineers' and Surveyors' Society. See IOWA SURVEYORS', etc., ASSOCIATION, 1895-97. E 12 Io:

Iowa Engineering Society. See IOWA SURVEYORS', etc., ASSOCIATION, 1898, etc. E 12 Io:

Iowa Society of Civil Engineers and Surveyors. See IOWA SURVEYORS', etc., ASSOCIATION, 1889-94. E 12 Io:

Iowa Surveyors' and Civil Engineers' Association. Proceedings. *Glenwood*, [etc.] 1888, etc. 8°. E 12 Io:

Publication: Annual.

Title varied: "Iowa Society of Civil Engineers and Surveyors," 1889-94; "Iowa Civil Engineers' and Surveyors' Society," 1895-97; "Iowa Engineering Society," 1898, etc.

Ireland, Linna.

— Pottery. 1889. See CALIFORNIA (State): Mining Bureau. Annual Report. 1889. pp. 240-261. 3 pl. G 50 C: 883.

Ireland.

— See INSTITUTE OF CHEMISTRY OF GREAT BRITAIN AND IRELAND.

Ireland, Lord Lieutenant of.

— — Bann and Lough Neagh Drainage. Report by Sir A. R. Binnie. *Dublin*, 1906. fol. 30 pp. (32364)

— — Commission on Arterial Drainage.

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— — Commission on Irish railways.

— — See PARLIAMENT, Ireland. Railways. 1907, etc. (35560)

— — Commission of National Education.

— — Manual of Needlework. *Dublin*, 1882. sm. 8°. 106 pp. (32960)

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(Periodicals.)

— — See IRISH FISHERIES, Inspectors of. Reports . . . 1900, etc. H 58: 868.

— — Annual general Report, 1, etc. 1900-01, etc. *Dublin*, 1901, etc. 8°. J 7: 900 a.

— — Journal, No. 1, etc. *Dublin*, 1900, etc. 8°. J 7: 900.

Publication: Quarterly.

— — Report of Proceedings under the Diseases of Animals Act, 1903, etc. *Dublin*, 1904, etc. 8°. J 92: 903.

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Publication : Monthly.
History : Amalgamated in 1900 the "Amer. Journal of Photography."

Photogram, (The). Vol. 1, etc. London, 1894, etc. 8°. A 11 : 894

Publication : Monthly.
Editors : H. S. and C. W. Ward, 1894, etc.
Title varied : "Process Photogram," 1895-1906. Issued in two sections, (1) "Process Engraver's Monthly"; (2) "Photographic Monthly," 1907, etc. Annual Supplement : "Photograms of the Year" 1895, etc. (1895-98 wanting.)

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Publication : Monthly, 1892-94; Quarterly or bi-Monthly, 1895-1904.
Publishers : Elliott & Sons.
Title varied : "Barnet Photographic Record," 1901-04.

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Publication : Weekly (except Nos. 1-5, issued fortnightly).

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Editor : A. C. Brookes.
Deficient : 1906, last published.

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Editors : J. T. Taylor, 1881-85; W. I. L. Adams, 1886-98; W. B. Woodbury, 1895-1901; C. F. Chandler, 1902; C. F. C. and S. B. Hord, 1908; C. F. C., W. I. L. Adams, and S. B. H., 1904; W. I. L. A. and S. B. H., 1905; W. I. L. A. and C. H. Plump, 1906, etc.
Size varied : 4° Series, 1885-1900.

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Publishers : A. Heseckel & Co., Berlin.

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Editor : A. Miethe, 1899, etc.
History : Forms a supplement to the "Atelier des Photographen" and the "Zeitschrift für Reproduktionstechnik."
Supplements : (1) Nachrichten des Rechtsschutz-Verbandes des D. Photographen; (2) Handwerks-Kammer-Nachrichten f. d. Photographen-gewerbe.

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Publication : Monthly.
Editors : H. W. Vogel, 1864-92; H. W. and E. Vogel, 1898-99; E. V. and P. Hanneke, 1899-1900; P. H., 1901, etc.
History : Organ of the Photogr. Ver. zu Berlin.

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Publication : 24 Nos. yearly.
Editors : M. Rudolphi, 1902-06; M. R. and R. Krehmann, 1907-08; H. Grossmann, 1909, etc.
Title varied : "Fortschritte der Chemie, Physik und physikal. Chemie," 1909, etc.

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Editors : F. Neesen, 1884-85; E. Rosochatius, 1886-87; E. R. and A. König, 1888; A. K., 1889-1901; K. Scheel, 1902, etc.
Title varied : "Deutsche Physikalische Gesellschaft," 1889, etc.
History : Jahrg. 1-4 issued with the "Fortschritte der Physik," 84-86; Jahrg. 1892 appeared in "Annalen der Physik," Band 46-48 only.
Indexes : Name index 1882-98 (1904).

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Publication : 25 Nos. yearly.
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Deficient : 1837-46, 1847-49.

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8°. J 29 R :— — Circulars. No. 14, etc. Washington, 1894, etc.
8°. J 29 R : a

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8°. J 29 St : b

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- — *Geological Survey.*
- — *Annual Report 1, etc.* Washington, 1880, etc. 8°. and fol. G 30 : 880
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History : Issued as part of the "Annual Reports of the U.S. Geol. Survey," 1894-99 ; as independent publication, 1900, etc. For reports for 1866-72 see *U.S. Comm. of Mineral Statistics*, above.
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Indexes : Hydrographic Progress Reports, 1888-1903, in Paper No. 119 ; Underground Waters, 1879-1904, in Paper No. 120.
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Band 1, etc. Hamburg, 1892, etc. 8°. K 7: 892

Publication: Monthly.

Editors: G. Krüss, 1892-94; R. Lorenz, etc., 1895-1904; G. Tammann and R. L., 1904, etc.

Indexes: 1892-1906. (1908.) Prefixed: "Ein Verfahren zur Registrierung anorganischer Stoffe," von A. Rosenheim und I. Koppel.

Zeitschrift für Bauhandwerker. Jahrg. 1,

etc. Braunschweig, 1857, etc. 4° and fol. F 68/857

Publication: Monthly, 1857-80; 24 Nos. yearly, 1880, etc.

Editors: F. L. Haarmann, 1857-63; G. H., 1864-90; L. H., 1891, etc.

Title varied: "F. L. Haarmann's Zeitschrift für Bauhandwerker," 1864-1904; "Zeitschrift für das Baugewerbe," 1905, etc.

Imprint varied: Leipzig, 1877-82; Halle a. S., 1883, etc.

Zeitschrift für Beleuchtungswesen, Heiz-

und Lüftungs-Technik. Jahrg. 1, etc. Berlin, 1895, etc. fol. K 39/895

Publication: 36 Nos. yearly.

Editors: H. Lux, 1895; H. L. and M. Rosenkranz, 1896-97; H. L., 1898, etc.

Deficient: Jahrg. 1, Nos. 1-6, 8, 17, 24, 25, 29-36.

Zeitschrift für Biologie. Neue Folge. Band

32, etc. München, 1907, etc. 8°. K 12: 907

Editors: C. Voit, 1907; O. Frank, M. v. Frey, and E. Voit, 1908, etc.

Zeitschrift für Bürsten-, Pinsel- und

Kammfabrikation. Jahrg. 26, etc. Leipzig, 1906, etc. 4°. E 92: 906

Publication: 24 Nos. yearly.

Zeitschrift für Calciumcarbid-Fabri-

kation und Acetylen-Beleuchtung. Jahrg. 1, etc. Berlin, 1897, etc. 4°. K 43: 897

Publication: Weekly, 1897-1907; semi-monthly, 1908, etc.

Editors: A. Ludwig, 1897-1908; N. Caro, 1902-03; J. H. Vogel, 1904, etc.

Title varied: "Carbid und Acetylen," 1909, etc.

Zeitschrift für Chemie und Industrie der Kolloide. Jahrg. 1, etc. Dresden, 1906, etc. sm. 4°. K 5 : 906

Publication : Monthly.

Editors : R. Ditmar, 1906 ; W. Ostwald, 1907, etc.

Zeitschrift für chemische Apparatenkunde. Jahrg. 1-3. Berlin, 1905-08. 3 vols. 8°. K 19 : 905

Publication : 24 Nos. yearly.

Editor : P. Schubert, 1905-08.

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Zeitschrift für Dampfkessel- und Maschinenbetrieb. See MITTHEILUNGEN AUS DER PRAXIS DES DAMPKESSEL- UND DAMPFMASCHINEN-BETRIEBES. E 52/887

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Zeitschrift für das ges. Schiess- und Sprengstoffwesen. Jahrg. 1, etc. München, 1906, etc. 4°. F 99 : 906

Publication : 24 Nos. yearly.

Editor : R. Escalas, 1906, etc.

Zeitschrift für das ges. Turbinenwesen. Jahrg. 1, etc. Berlin, 1904, etc. 4°. E 51 : 904

Publication : 36 Nos. yearly.

Editors : W. A. Müller, 1904-06 ; E. Josse, 1907, etc.

Zeitschrift für das landwirthschaftliche Versuchswesen in Oesterreich. Jahrg. 1, etc. Wien, 1898, etc. 8°. J : 898

Publication : Monthly.

Editors : E. Meissl, W. Bersch, etc., 1898-1908 ; W. B., etc., 1904-06 ; W. B., 1907, etc.

Zeitschrift für den physikalischen und chemischen Unterricht. Jahrg. 1, etc. Berlin, 1887, etc. 8°. D 3 : 887

Publication : Monthly.

Editor : F. Poske.

Indexes : 1887-97 ; 1898-1907, von O. Ohman.

Zeitschrift für die ges. Kohlensäure-Industrie. Jahrg. 2, etc. Berlin, 1896, etc. sm. fol. K 90 : 896

Publication : 24 Nos. yearly.

Editor : M. Wender, 1896, etc.

Supplement : "Die Industrie comprimierter Gase."

Zeitschrift für Drechsler, Elfenbeingraveure und Holzbildhauer. Jahrg. 29, etc. Leipzig, 1906, etc. 4°. A 2 : 906

Publication : 24 Nos. yearly.

Editor : C. Marggraf, 1906, etc.

Zeitschrift für Elektrotechnik und Maschinenbau. Band 10, etc. Potsdam, 1907, etc. 4°. D 58 : 907

Publication : Weekly.

Zeitschrift für Farben-Industrie. See ZEITSCHRIFT FÜR FARBEN- UND TEXTIL-CHEMIE. K 35 : 902

Zeitschrift für Farben- und Textil-Chemie. Jahrg. 1, etc. Braunschweig, 1902, etc. 4°. K 35 : 902

Publication : 24 Nos. yearly.

Editor : A. Buntrock, 1902, etc.

Title varied : "Zeit. für Farben- und Textil-Industrie," 1904-06 ; "Zeit. für Farben-Industrie," 1906, etc.

Imprint varied : Boran, 1904 ; Berlin, 1906, etc.

Zeitschrift für ges. Biochemie. See BEITRÄGE ZUR CHEMISCHEN PHYSIOLOGIE, etc. K 12 : 906

Zeitschrift für Gewerbe-Hygiene, Unfall-Verhütung und Arbeiter-Wohlfahrts-Einrichtungen. Jahrg. 5, etc. Wien, 1898, etc. 4°. H 29 : 898

Publication : 24 Nos. yearly.

Editor : V. Steiner, 1898, etc.

Supplement : "Die Fabriks-Feuerwehr."

Zeitschrift für Heizungs-, Lüftungs- und Wasserleitungstechnik. Jahrg. 7, etc. Halle a. S., 1901, etc. fol. K 39/901

Publication : 24 Nos. yearly.

Editors : F. Wiebe and O. H. Erich, 1901-03 ; H. Müllenbach, 1904, etc.

Title varied : "Haustechnische Rundschau," 1907, etc.

Zeitschrift für historische Waffenkunde. Band 5, etc. Leipzig, 1909, etc. 4°. F 93 : 909

Publication : Quarterly (12 parts or 3 years to one vol.).

Zeitschrift für komprimierte und flüssige Gase. Jahrg. 1, etc. Berlin, 1897, etc. 8°. E 59 : 897

Publication : Monthly, 1897, etc.

Editors : M. Altschul, 1897-1906 ; G. Keppeler, 1907, etc.

Supplement : "Mittheilungen für die Pressluft-Industrie," 1904, etc.

Zeitschrift für Luftschiffahrt. See DEUTSCHER VEREIN ZUR FÖRDERUNG DER LUFTSCHIFFFAHRT. 1887-1900. E 60 : 882

Zeitschrift für Lüftung und Heizung. Jahrg. 12, etc. Berlin, 1906, etc. 4°. K 39/906

Publication : 24 Nos. yearly.

Editor : F. H. Haase, 1906, etc.

Zeitschrift für Moorkultur und Torf-Verwertung. Jahrg. 1, etc. Wien, 1903, etc. 8°. K 44 : 903

Publication : 6 Nos. yearly.

Editors : J. Koppens and W. Bersch, 1903, etc.

Zeitschrift für Nahrungsmittel-Untersuchung, etc. Neue Folge. See OESTERREICHISCHE CHEMIKER-ZEITUNG. K 30/898

Zeitschrift für öffentliche Chemie. Jahrg. 15, etc. Plauen i. V., 1909, etc. H 35 : 909

Publication : 24 Nos. yearly.

Editor : R. Riechelmann.

Zeitschrift für Optik und Mechanik. See OPTIK, (Die). 1907-08. D 23 : 907

Zeitschrift für Pflanzenkrankheiten. Band 9, etc. Stuttgart, 1899, etc. 8°. H 69 : 899

Publication : 6 Nos. yearly.

Editor : P. Sorauer, 1899, etc.

Zeitschrift für physikalische Chemie, etc. Band 1, etc. Leipzig, 1887, etc. 8°. K 5 : 887

Publication : 12 to 18 Nos. yearly.

Editors : W. Ostwald and J. H. van't Hoff, 1887, etc.

Indexes : 1887-97 [1900-1904, by F. W. [A.] Küster and T. Paul ; 1898-1904 (1909), by F. W. [A.] Küster.

Zeitschrift für physiologische Chemie. Band 1, etc. Strassburg, 1877, etc. 8°. K 12 : 877

Publication : 18 Nos. yearly.

Editors : [E.] F. [I.] Hoppe-Seyler, 1877-04 ; E. Baumann and A. Kossel, 1896-96 ; A. K., 1897, etc.

Indexes : 1877-1900 by H. Stendel (1901).

Title varied : "Hoppe-Seyler's Zeitschrift für physiologische Chemie," 1896, etc.

Zeitschrift für praktische Geologie. Jahrg. 1, etc. Berlin, 1893, etc. 8°. G 3 : 893

Publication: Monthly.

Editor: M. Krahmann, 1893, etc.

Indexes: 1893-1902 entitled "Fortschritte der prakt. Geologie. Band 1. Hrsrg. M. K. [1903].

Zeitschrift für Reproduktionstechnik. Jahrg. 1, etc. Halle, a. S., 1899, etc. A 21 : 899

Publication: Monthly.

Editor: A. Miethe, 1899-1901; A. M. and G. Aarland, 1902-04; A. M. and O. Mente, 1905, etc.

Zeitschrift für Riech- und Geschmacksstoffe. Revue internationale des aromes, etc. Jahrg. 1, etc. Leipzig, 1909, etc. 4°. K 50 : 909

Publication: 24 Nos. yearly.

Editor: G. Marpmann, 1909, etc.

Zeitschrift für Sauerstoff- und Stickstoff-Industrie. Jahrg. 1, etc. Leipzig, 1908, etc. 4°. E 59 : 908

Publication: Monthly.

Editor: R. Mewes, 1908, etc.

Zeitschrift für Schwachstromtechnik. Jahrg. 1, etc. München, 1907, etc. 8°. D 51 : 907

Publication: 24 Nos. yearly.

Editor: J. Baumann, 1907, etc.

Zeitschrift für Textil-Industrie. Jahrg. 1, etc. Berlin, 1906, etc. 4°. E 80 : 906

Publication: 24 Nos. yearly.

Editors: O. Johannsen and A. Buntrock, 1906, etc.

Zeitschrift für Untersuchung der Nahrungs- und Genussmittel, sowie der Gebrauchsgegenstände. Band 16, etc. Berlin, 1908, etc. 8°. H 35 : 908

Publication: 24 Nos. yearly.

Editors: K. v. Buchka, J. König and A. Bömer, 1908, etc.

Zeitschrift für Vermessungswesen. Organ des Deutschen Geometervereins. Band 1, etc. München, 1872, etc. 8°. E 27 : 872

Publication: 24 Nos. yearly, 1882-1904; 86 Nos. yearly, 1905, etc.

Editors: W. Jordan, 1873-87; W. J. and C. Steppes, 1888-99; C. Reinhardt and C. S., 1900-06; C. S. and O. Eggert, 1907, etc.

Indexes: 1872-1904. (1906.)

Imprint varied: "Stuttgart," 1878, etc.

Zeitschrift für wissenschaftliche Photographie, Photophysik und Photochemie. Band 1, etc. Leipzig, 1903, etc. 8°. A 11 : 903

Publication: Monthly.

Editors: [W.] E. Englisch and [F.] K. [F.] Schaum, 1903-1905; [F.] K. [F.] S., 1906, etc.

Zellner, Julius, Ph.D., Prof. in Bielitz.

— Die künstlichen Kohlen für elektrotechnische und elektrochemische Zwecke, ihre Herstellung und Prüfung. Berlin, 1903. 8°. 304 pp. (29658)

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Publication: 24 Nos. yearly, 1906-07; Weekly, 1907, etc.

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— Lehrbuch der Photochromie (Photographie in natürlichen Farben) . . . Nebst einer physikalischen Erklärung des Entstehens der Farben. Berlin, 1868. 8°. 96 pp. 1 pl. (5178)

— The same. Neu hrsg. von B. Schwalbe. Braunschweig, 1900. 8°. 170 pp. portr. (27364)
Contains life and list of writings of Zenker.

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Publication: 86 Nos. yearly.

Title varied: "Centralblatt der Hütten- und Walzwerke." Oct. 1904, etc.

Zentralblatt für Accumulatoren- und Elementenkunde. Jahrg. 1-9. Halle a. S., 1900-08. 9 vols. 4°. D 58 : 900

Publication: 24 Nos. yearly.

Editor: F. Peters.

Title varied: "Centralblatt für Accumulatoren-, Elementen- und Accumobilien-Kunde," 1902-08. "Centralblatt für Accumulatoren-, Technik," etc., 1904-07; "Centralblatt für Accumulatoren- und Galvanotechnik," 1908.

Zentralblatt für Agrikulturchemie und rationellen Wirtschaftsbetrieb. Jahrg. 32, etc. Leipzig, 1903, etc. 8°. J : 903

Publication: Monthly.

Editor: O. [J.] Kellner, 1903, etc.

Indexes: 1872-1896. By K. Wedemeyer, 1901.

Title varied: "Biedermann's Centralblatt für Agrikulturchemie und rationellen Landwirtschaftsbetrieb," 1881, etc.

Zentralblatt für Bakteriologie und Parasitenkunde. Band 17. Jena, 1895, etc. 8°. H 1 : 895

Publication: Issued in two weekly sections (1), Medizinisch-hygienische Bakteriologie, etc. (2), Allgemeine landw.-technologische Bakteriologie, etc.

Editor: O. Uhlworm.

Indexes: Abt. 1. Band 1-25; 25-40. Bearbeitet von G. Lindau.

Abt. 2. Band 1-10. Bearbeitet von G. Lindau.

Title varied: "Centralblatt für Bakteriologie, Parasitenkunde und Infektionskrankheiten," 1896, etc.

Zentralblatt für deutsche Papierfabrikation. Jahrg. 11-53. Dresden, 1860-1902. 42 vols. 8°. and 4°. K 74 : 860

Publication: 24 Nos. yearly, 1860-78; 48 Nos. yearly, 1879-1902.

Editors: [C. A.] A. Rudel, 1860-86; G. Rudel, 1887-1900.

Zentralblatt für die ges. Biologie. See BIOCHEMISCHES CENTRALBLATT. K 12 : 902

Zentralblatt für die ges. Eisen-, Stahl-, Metall- und Maschinen-Industrie. See ZENTRALBLATT FÜR MASCHINEN-INDUSTRIE UND EISENGIESSEREI. E 31/896

Zentralblatt für Eisenhüttenwesen, einschliesslich Bergbau und Maschinen. Jahrg. 1, etc. Berlin, etc., 1906, etc. 8°. G 63 : 906

Publication: Monthly.

Editor: F. Bennigson, 1906, etc.

Zentralblatt für Glas-Industrie und Keramik. Jahrg. 12, etc. Wien, 1897, etc. fol. K 71/897

Publication: 86 Nos. yearly, 1897-1900; 24 Nos. yearly, 1901, etc.

Title varied: "Zentral-Blatt für Glas-, Porzellan- und Ziegel-Industrie," 1905-07; "Internationales Zentralblatt für Baukeramik, etc.," 1907, etc.

Zentral-Blatt für Glas-, Porzellan- und Ziegel-Industrie. See ZENTRAL-BLATT FÜR GLAS-INDUSTRIE, etc. K 71/897

Zentralblatt für Keramik, etc. See ZENTRAL-BLATT FÜR GLAS-INDUSTRIE, etc. K 71/897

Zentralblatt für Maschinen-Industrie und Eisenindustrie. Jahrg. 1, etc. Wien, 1896, etc. fol. E 31/896

Publication: 26 Nos. yearly.

Title varied: "Centralblatt für die ges. Eisen-, Stahl-, Metall- und Maschinen-Industrie," 1899-1900; "Maschinen- und Metallindustrie-Zeitung," 1900, etc.

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Publication: Weekly.

Supplement: "Buch-kunst und Buchgewerbe," 1902-09; continued as independent publication, 1910, etc.

Zeppelin, Ferdinand, Count.

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Zerr, Georg, and Rübenkamp, R.

— Handbuch der Farben-Fabrikation. Dresden, 1906. 8°. 862 pp. (32442)

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— Die wichtigsten Faserstoffe der europäischen Industrie. 2te Aufl. Kötschenbroda, 1905. 8°. 52 pp. 12 pl. (31464)

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